Communications on

PURE AND APPLIED MATHEMATICS

Author Index to Volume LIV

- Alexandre, R., and Villani, C.: On the Boltzmann Equation for Long-Range Interactions, 30
- Berestycki, H., and Hamel, F.: Front Propagation in Periodic Excitable Media, 949
- Borodin, A., and Deift, P.: Fredholm Determinants, Jimbo-Miwa-Ueno τ-Functions, and Representation Theory, 1160
- Brendle, S.: Hypersurfaces in Minkowski Space with Vanishing Mean Curvature, 1249
- Čanić, S., Keyfitz, B. L., and Kim, E. H.: A Free Boundary Problem for a Quasi-linear Degenerate Elliptic Equation: Regular Reflection of Weak Shocks. 71
- Chae, D.: On the Well-Posedness of the Euler Equations in the Triebel-Lizorkin Spaces, 654
- Chanillo, S., and Kiessling, M. K.-H.: The Conformal Plate Buckling Equation, 509
- Chen, C.-C., and Lin, C.-S.: Sharp Estimates for Solutions of Multi-Bubbles in Compact Riemann Surfaces, 728
- Conti, S., Fonseca, I., and Leoni, G.: A
 Γ-Convergence Result for the Two-Gradient
 Theory of Phase Transitions, 857
- Cordoba, D., and Fefferman, C.: Scalars Convected by a Two-Dimensional Incompressible Flow, 255
- Cornea, O.: Homotopical Dynamics IV: Hopf Invariants and Hamiltonian Flows, 1033
- Daskalopoulos, P., and Lee, K.-A.: Convexity and All-Time C^{∞} -Regularity of the Interface in Flame Propagation, 633
- De Figueiredo, D. G., do Ó, J. M., and Ruf, B.: On an Inequality by N. Trudinger and J. Moser and Related Elliptic Equations, 135
- de Hoop, M. V.: see Stolk, C. C.
- Deift, P.: see Borodin, A
- DeSimone, A., Kohn, R. V., Müller, S., Otto, F.: A Reduced Theory for Thin-Film Micromagnetics, 1408
- do Ö, J. M.: see de Figueiredo, D. G.
- Fefferman, C.: see Cordoba, D.

- Fonseca, I.: see Conti, S.
- Forrester, P. J., and Witte, N. S.: Application of the τ -Function Theory of Painlevé Equations to Random Matrices: Pv., PIII, the LUE, JUE, and CUE, 679
- Friesecke, G., James, R. D., and Müller, S.: A Theorem on Geometric Rigidity and the Derivation of Nonlinear Plate Theory from Three-Dimensional Elasticity, 1461
- Giacomelli, L., and Otto, F: Droplet Spreading: Intermediate Scaling Law by PDE Methods, 217
- Giga, Y.: Viscosity Solutions with Shocks, 431
- Golse, F., and Levermore, C. D.: Stokes-Fourier and Acoustic Limits for the Boltzmann Equation: Convergence Proofs, 336
- Grava, T.: Riemann-Hilbert Problem for the Small Dispersion Limit of the KdV Equation and Linear Overdetermined Systems of Euler-Poisson-Darboux Type, 395
- Grava, T., and Tian, F.R.: The Generation, Propagation, and Extinction of Multiphases in the KdV Zero-Dispersion Limit, 1569
- Grigor'yan, A., and Saloff-Coste, L.: Dirichlet Heat Kernel in the Exterior of a Compact Set, 93
- Guo, Y.: The Vlasov-Poisson-Boltzmann System near Maxwellians, 1104
- Gustafson, S., and Shatah, J.: The Stability of Localized Solutions of Landau-Lifshitz Equations, 1136
- Guzzetti, D.: The Elliptic Representation of the General Painlevé VI Equation, 1280
- Hamel, F.: see Berestycki, H.
- Hang, F.: Density Problems for W1.1 (M,N), 937
- Hoff, D.: Dynamics of Singularity Surfaces for Compressible, Viscous Flows in Two Space Dimensions, 1365
- Hu, P.-C., and Yang, C.-C.: A Note on the abc Conjecture, 1089
- James, R. D.: see Friesecke, G.

- Keyfitz, B. L.: see Čanić, S.
- Kiessling, M. K.-H.: see Chanillo, S.
- Kim, E. H.: see Čanić, S.
- Kohn, R. V.: see DeSimone, A.
- Kwon, O., Seo, J. K., and Yoon, J.-R.: A Real-Time Algorithm for the Location Search of Discontinuous Conductivities with One Measurement, 1
- Lee, K.-A.: see Daskalopoulos, P.
- Leoni, G.: see Conti, S.
- Levermore, C. D.: see Golse, F.
- Lin, C.-S.: see Chen, C.-C
- Lin, F., and Zhang, P.: On the Hydrodynamic Limit of Ginzburg-Landau Wave Vortices, 831
- Malchiodi, A., and Montenegro, M.: Boundary Concentration Phenomena for a Singularly Perturbed Elliptic Problem, 1507
- Mauser, N.: see Zhang, P.
- Montenegro, M.: see Malchiodi, A.
- Müller, S.: see DeSimone, A.
- Müller, S.: see Friesecke, G.
- Otto, F.: see DeSimone, A.
- Otto, F.: see Giacomelli, L.
- Pavarino, L. F., and Widlund, O. B.: Balancing Neumann-Neumann Methods for Incompressible Stokes Equations, 302
- Penner, R. C.: On Hilbert, Fourier, and Wavelet Transforms, 772
- Rider, B. C.: On the ∞-Volume Limit of the Focusing Cubic Schrödinger Equation, 1231
- Ruf, B.: see De Figueiredo, D. G.

- Saloff-Coste, L.: see Grigor'yan, A.
- Seo, J. K.: see Kwon, O.
- Shatah, J.: see Gustafson, S.
- Shi, J.: Saddle Solutions of the Balanced Bistable Diffusion Equation, 815
- Spirn, D.: Vortex Dynamics of the Full Time-Dependent Ginzburg-Landau Equations,
- Stolk, C. C., and de Hoop, M. V.: Microlocal Analysis of Seismic Inverse Scattering in Anisotropic Elastic Media, 261
- Tian, F.-R.: see Grava, T.
- Tsai, T.-P., and Yau, H.-T.: Asymptotic Dynamics of Nonlinear Schrödinger Equations: Resonance-Dominated and Dispersion-Dominated Solutions, 153
- Villani, C.: see Alexandre, R.
- Wang, B.: The Limit Behavior of Solutions for the Cauchy Problem of the Complex Ginzburg-Landau Equation, 481
- Widlund, O. B.: see Pavarino, L. F.
- Witte, N. S.: see Forrester, P. J.
- Yang, C.-C.: see Hu, P.-C
- Yau, H.-T.: see Tsai, T.-P.
- Yoon, J.-R.: see Kwon, O.
- Zhang, P.: see Lin, F.
- Zhang, P., Zheng, Y., and Mauser, N.: The Limit from the Schrödinger-Poisson to the Vlasov-Poisson Equations with General Data in One Dimension,
- Zheng, Y.: see Zhang, P.

